

Maine Weekly Influenza Surveillance Report

March 22, 2011



For MMWR week 11 (ending 03/19/11)

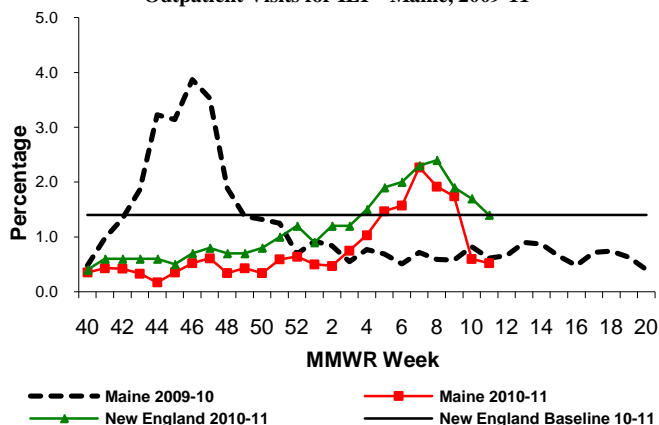
New This Week

- Federal Flu Code: Widespread
- 4 new outbreaks of influenza

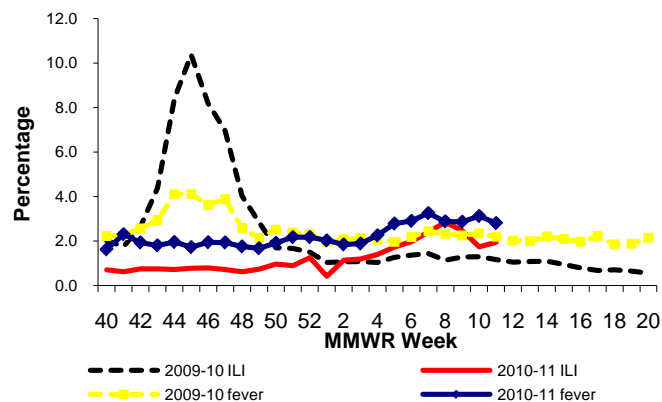
Surveillance Information – Maine, 2010-2011 Influenza Season

- Number of ILINet Providers reporting: 20
 - % of visits for Influenza-Like Illness (ILI): 0.52
- Number of Emergency Departments participating: 24
 - % of visits for ILI: 1.94
 - % of visits for fever: 2.80
- Number of Hospitals reporting: 2
 - % of admissions due to Pneumonia & Influenza (P&I): 5.4
- Number of Vital Statistics Office Reporting: 1
 - % of deaths due to P&I: 13.0

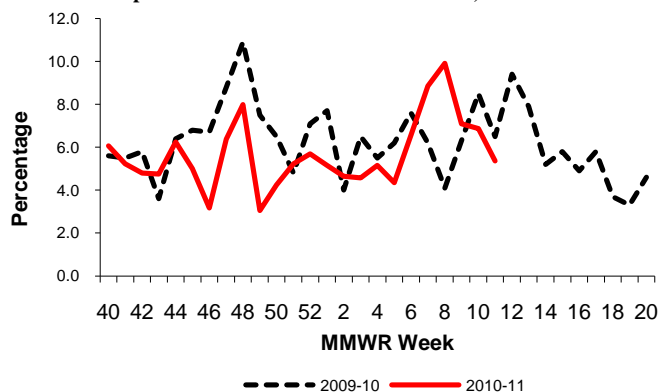
Outpatient Visits for ILI – Maine, 2009-11



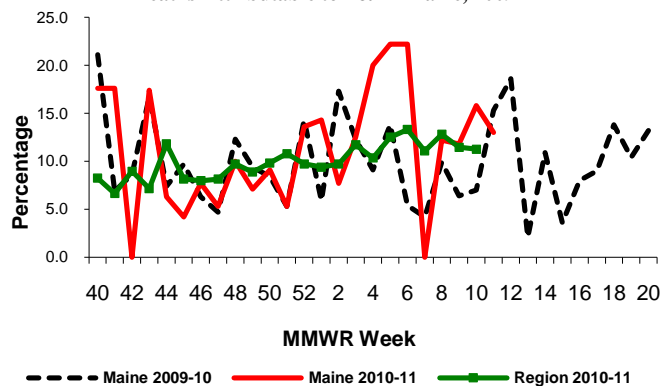
Emergency Department Visits for ILI and Fever – Maine, 2009 -11



Hospital Admissions Due to P&I – Maine, 2009-2011



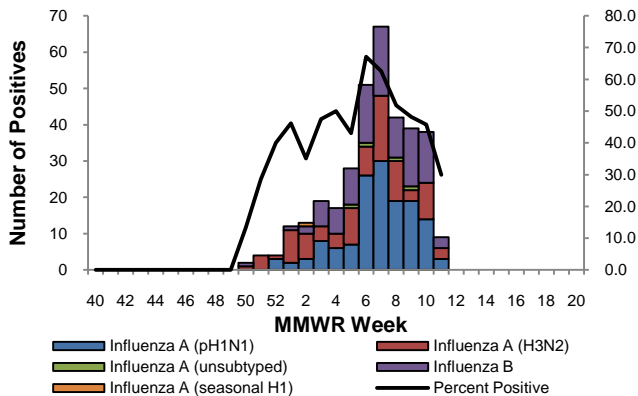
Deaths Attributable to P&I – Maine, 2009-11



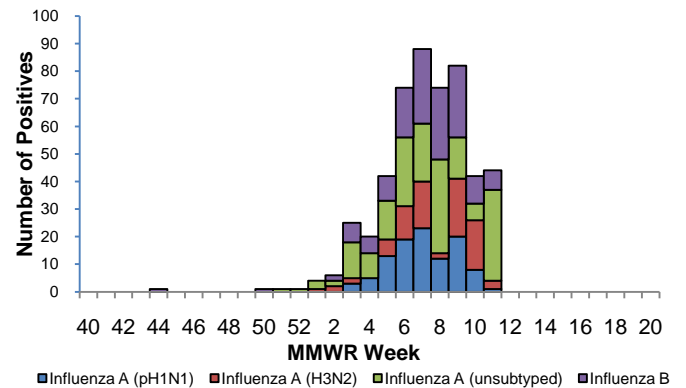
Lab Data – Maine, 2010-2011 Influenza Season

- # of samples tested at HETL: 30
 - # positive: 9
 - % positive: 30.0
- # of samples positive at Maine Reference Labs: 41
- # of samples positive at National Reference Labs: 3
- # of samples positive by rapid antigen test: 21

Positive PCR Samples for Influenza, HETL – Maine, 2010-2011



Positive PCR Samples for Influenza, Maine and National Reference Labs – Maine, 2010-2011



Antiviral Resistance – Maine, 2010-11 Influenza Season

- # of Influenza A (pH1N1) samples tested for Tamiflu resistance at HETL: 82
- # with resistance: 1

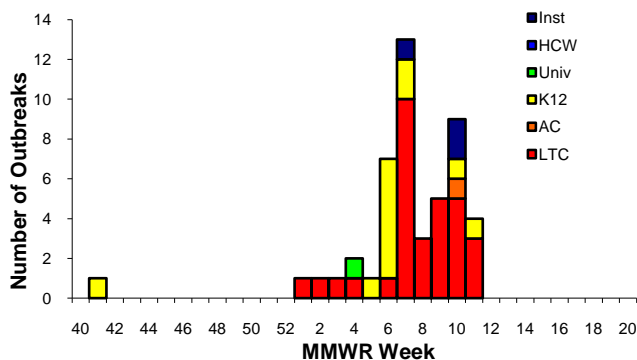
Antigenic Characterization (Vaccine Match)

- Federal CDC has antigenically characterized 1,199 influenza viruses since 10/1/2010. Of these 99.6% of influenza A/pH1N1 samples match the vaccine, 96.9% of influenza A/H3 samples match the vaccine, and 93.9% of influenza B samples match the vaccine.

Influenza-Like Illness Outbreaks – Maine, 2010-11 Influenza Season

- # new outbreaks: 4

Influenza-Like Illness Outbreaks by Facility Type - Maine, 2010-11



Outbreak Facility Type Key:

LTC - Long Term Care Facility
 AC - Acute Care Facility (nosocomial)
 K12 - School (K-12) or daycare
 Univ - School (residential) or University
 HCW - Health care workers
 Inst - Other institutions (workplaces, correctional facilities etc)

Pediatric Influenza Deaths

- 1 pediatric influenza-associated death reported from York in a vaccinated child

National Influenza Surveillance Data

Source: <http://www.cdc.gov/flu/weekly/>

Influenza-Like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILInet
2010-11 Influenza Season Week 10 ending Mar 12, 2011

